

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3896344
<b>Application Number:</b>	10717313
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6489
<b>Title of Invention:</b>	MULTI-DIMENSIONAL JOINT SEARCHER AND CHANNEL ESTIMATORS
<b>First Named Inventor/Applicant Name:</b>	Stefan Felter
<b>Customer Number:</b>	23117
<b>Filer:</b>	Steven Ware Smith/Debbie Brown
<b>Filer Authorized By:</b>	Steven Ware Smith
<b>Attorney Docket Number:</b>	2380-776
<b>Receipt Date:</b>	05-SEP-2008
<b>Filing Date:</b>	20-NOV-2003
<b>Time Stamp:</b>	15:43:43
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 100
RAM confirmation Number	1110
Deposit Account	501379
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	P18152-US1_2008-09-05_08_4837_PTO-1050.pdf	39001 fe4c64d0d2ec2b93627c6dfe521fe3d3c503c69	no	4
<b>Warnings:</b>					
<b>Information:</b>					
2	Miscellaneous Incoming Letter	P18152-US1_2008-09-05_08_4837_Request-Letter.pdf	26222 6a3036eed40a44acbdac3b8d4db52f4d14b9a535	no	5
<b>Warnings:</b>					
<b>Information:</b>					
3	Fee Worksheet (PTO-06)	fee-info.pdf	30027 bab1e4d1f81891a7caecf6b46cad99d6d83a60fa	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			95250		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.